ATTACHMENT

ABSTRACT OF THE DISCLOSURE

For processing samples of a signal received via a channel represented by an impulse response of W+1 coefficients, the method comprises: determining the W roots of the Z-transform of the channel impulse response; producing an intermediate signal by equalizing the received signal by a zero-forcing method or the like based on an impulse response whose Z-transform is a Z^{-1} polynomial of degree W-p having as roots those of the W roots which are furthest from the unit circle of the complex plane; and then obtaining estimations of the transmitted signal symbols by applying a Viterbi-type equalization method or the like based on an impulse response whose Z-transform is a Z^{-1} polynomial of degree p having as roots those of the W roots which are nearest to the unit circle.